Appendix A

Present Application
Symbolically

Control Center (CC)	Sender (SNDR)	Receiver (RCVR)	Support in Spec
Stores shared main key (SMK)		Stores shared main key (SMK)	page 3, lines 20-31
Produces Seq # 's			page 4, lines 1-14
Forms Signing Keys = Fn1 (Seq # + SMK), for each corrsponding Seq #			page 4, line 16 to page 5, line 21
Transmits Signing Key and Seq # pairs to SNDR	Receives Signing Key and Seq # pairs from CC		page 5, lines 23-29
	Forms signature (S) for a Msg from one of selected pairs = Fn2 (Signing Key + Seq #)		page 5, line 31-35
	Forms a data set		page 6, line 8
	In one embodiment data set = Seq # + Msg + S		page 6, lines 8-11
	In another embodiment data set = Msg + S		page 7, lines 6-15
	Transmit data set to RCVR	Receives data set from SNDR	page 6, lines 13-17
		Determines Seq #	
		In one embodiment, extracts Seq # from data set (Seq # + Msg + S)	page 6, lines 21-26
		In another embodiment, produces Seq # from initial value of generator	page 7, lines 6-21
		Forms Check Key = Fn1 (Determined Seq # + SMK)	page 6, lines 26-27
		Verify received signature (S)	
		Forms signature' (S') = Fn2 (Check Key + SMK)	page 6, lines 29-32
		Compares S' to received S, if same set enable signal providing use of Msg (Msg valid)	page 6, lines 32-35

Fn1 = square of Seq #, text to fill block size, Message Authenication Code (MAC)   page 4. line 19 to Page 5, line 10

Fn2 = DES method, crypographic hash, Message Authenication Code (MAC)   page 6, lines 1-6